



Anaerobic Digestion Plant AMPLC Contrecœur Ouest

ArcelorMittal Long Products Canada (AMLPC) is eager to decrease its environmental footprint through a low carbon emitting production facility. To determine the potential for onsite renewable energy generation, TUGLIQ has been mandated to conduct a feasibility study for biogas production at an anaerobic digestion plant near AMLPC facilities using local organic waste.



Project

The first phase of the analysis addresses the quantification and qualification of available organic matter to feed the anaerobic digestion plant within radius of the facility. The second step considers business case scenarios based on the project costs and associated revenues including from digestate valorization. Finally, natural gas displacement and GHG emissions reduction calculations are stated.

Client: Arcelor Mittal Long Products Canada

Study date: 2018

System Type: Agriculture

Digestion Type: Wet

Biogas Use: Injection into Network

Estimated Biogas Volume:
3.5 M m³

Location : Contrecœur, Canada

Key Facts

- The region is primarily agricultural
- More than 2M m³ of biomethane could be injected into the network
- 20% of natural gas displacement for one furnace

Project Status

The study was completed in 2018. Negotiations for commercial agreement are underway between TUGLIQ and AMPLC.

